

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/JP2005/008465

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B01J37/03 B01D53/94 B01J23/63 B01J23/10

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B01J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PATENT ABSTRACTS OF JAPAN vol. 016, no. 097 (E-1176), 10 March 1992 (1992-03-10) & JP 03 277060 A (NEC CORP), 9 December 1991 (1991-12-09) abstract; figure 1	1-9
A	PATENT ABSTRACTS OF JAPAN vol. 2003, no. 12, 5 December 2003 (2003-12-05) & JP 2004 074138 A (TOYOTA MOTOR CORP), 11 March 2004 (2004-03-11) cited in the application abstract; figure 1	1-9
P, A	EP 1 415 956 A (TOYOTA MOTOR CO LTD 'JP!') 6 May 2004 (2004-05-06) claim 1; examples	1-9

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

4 August 2005

Date of mailing of the international search report

11/08/2005

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, A	EP 1 516 855 A (TOYOTA JIDOSHA KABUSHIKI KAISHA) 23 March 2005 (2005-03-23) claim 4; examples	1-9
A	WO 03/037506 A (MAGNESIUM ELEKTRON LTD; TAKAO, YASUhide; NORMAN, COLIN; EDWARDS, GAVIN) 8 May 2003 (2003-05-08) claim 1; examples	1-9

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Information on patent family members

International Application No.

PCT/JP2005/008465

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
JP 03277060	A	09-12-1991	NONE	
JP 2004074138	A	11-03-2004	NONE	
EP 1415956	A	06-05-2004	JP 2004141833 A EP 1415956 A2 US 2004087440 A1	20-05-2004 06-05-2004 06-05-2004
EP 1516855	A	23-03-2005	US 2005059547 A1 EP 1516855 A1	17-03-2005 23-03-2005
WO 03037506	A	08-05-2003	JP 2003137550 A BR 0213822 A CA 2465376 A1 CN 1582198 A EP 1444036 A1 WO 03037506 A1 ZA 200402829 A	14-05-2003 31-08-2004 08-05-2003 16-02-2005 11-08-2004 08-05-2003 08-12-2004